

Handwritten initials

CONFIDENTIAL

Release Date *May 8, 1975*

NOV 8, 1975



DUVAL CORPORATION WELL NO. 505747
SE/NW Sec 8-T18N-R27E, Apache Co. 630

COUNTY Apache AREA 10 1/2 m. SSE of Navajo LEASE NO. State Prospecting Permit #27629

WELL NAME DUVAL CORPORATION WELL NO. 50 STATE

LOCATION SE/NW SEC 8 TWP 18N RANGE 27E FOOTAGE 1990' FNL 2353' FWL
ELEV 6280' per Hogan Well 7.5' top GR KB SPUD DATE 9-24-74 STATUS P&A 10-15-74 TOTAL 2139'
COMP. DATE 10-13-74 DEPTH

CONTRACTOR Whatley Drilling Company, Tucson

CASING SIZE	DEPTH	CEMENT	LINER SIZE & DEPTH	DRILLED BY ROTARY
5 9/16"	1973'	5 sks	NA	<input checked="" type="checkbox"/>
7"	1285-1417	0		
				DRILLED BY CABLE TOOL
				PRODUCTIVE RESERVOIR <u>NA</u>
				INITIAL PRODUCTION <u>NA</u>

FORMATION TOPS	DEPTHS	SOURCE		REMARKS
		L.L.	E.L.	
Alluvium	Surface		x	
Bidahochi	4'			
Chino	378'			
Moenkopi	1416'			
Coconino	1572'			
Supai	1882'			

ELECTRIC LOGS	PERFORATED INTERVALS	PROD. INTERVALS	SAMPLE LOG
GRN	NA	NA	SAMPLE DESCRP.
			SAMPLE NO. <u>1732</u>
			CORE ANALYSIS
			DSTs

REMARKS Verbal permission to drill given on 9-23-74.

APP. TO PLUG ☒
PLUGGING REP. ☒
COMP. REPORT ☒

WATER WELL ACCEPTED BY

BOND CO. Federal Insurance Company BOND NO. 8-6-5375
BOND AMT. \$ 25,000 CANCELLED FILED 10/16/75 DATE
FILING RECEIPT 0207 LOC. PLAT ☒ WELL BOOK ☒ PLAT BOOK ☒
API NO. 02-001-20197 DATE ISSUED 10-1-74 DEDICATION Strat

PERMIT NUMBER 630

(over)

CONFIDENTIAL

12-13-75

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG									
DESIGNATE TYPE OF COMPLETION:									
New Well <input checked="" type="checkbox"/>	Work-Over <input type="checkbox"/>	Deepen <input type="checkbox"/>	Plug Back <input type="checkbox"/>	Same Reservoir <input type="checkbox"/>	Different Reservoir <input type="checkbox"/>	Oil <input type="checkbox"/>	Gas <input type="checkbox"/>	Dry <input type="checkbox"/>	
DESCRIPTION OF WELL AND LEASE									
Operator Duval Corporation				Address 4715 E. Ft. Lowell Rd., Tucson, Az. 85712					
Federal, State or Indian Lease Number or name of lessor if fee lease State Prospecting Permit #27629				Well Number 50		Field & Reservoir			
Location 1990' ENL, 2353' FWL				County Apache					
Sec. TWP. range or Block & Survey Sec. 8, T18N, R27E									
Date spudded 9/24/74		Date total depth reached 10/13/74		Date completed, ready to produce		Elevation (DF, RKB, RT or Gr.) feet 6151		Elevation of casing hd. flange feet	
Total depth 2139'		P.B.T.D.		Single, dual or triple completion?		If this is a dual or triple completion, furnish separate report for each completion.			
Producing interval (s) for this completion				Rotary tools used (interval) 0-2139'		Cable tools used (interval)			
Was this well directionally drilled?		Was directional survey made?		Was copy of directional survey filed?		Date filed			
No		No							
Type of electrical or other logs run (check logs filed with the commission) Gamma Ray - Neutron						Date filed 11/8/74			
CASING RECORD									
Casing (report all strings set in well—conductor, surface, intermediate, producing, etc.)									
Purpose	Size hole drilled	Size casing set	Weight (lb./ft.)	Depth set	Sacks cement	Amt. pulled			
Protective	8-3/8"	7"	20	1285-1417		0			
			17	0-1285		0			
Protective	6-1/4"	5-9/16"	10.76	0-1973	5 sacks	1750			
TUBING RECORD									
Size	Depth set	Packer set at	Size	Top	Bottom	Sacks cement	Screen (ft.)		
in.	ft.	ft.	in.	ft.	ft.	ft.			
PERFORATION RECORD									
Number per ft.	Size & type	Depth Interval		ACID, SHOT, FRACTURE, CEMENT SQUEEZER RECORD					
				Am't. & kind of material used			Depth Interval		
INITIAL PRODUCTION									
Date of first production		Producing method (indicate if flowing, gas lift or pumping—if pumping, show size & type of pump:)							
Date of test	Hrs. tested	Choke size	Oil prod. during test	Gas prod. during test	Water prod. during test	Oil gravity			
			bbls.	MCF	bbls.	° API (Corr)			
Tubing pressure	Casing pressure	Cal'cd rate of Pro-duction per 24 hrs.	Oil	Gas	Water	Gas-oil ratio			
			bbls.	MCF	bbls.				
Disposition of gas (state whether vented, used for fuel or sold):									
<p>CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>Advanced Geological Engineer</u> of the <u>Duval Corporation</u> (company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.</p> <p>Date <u>November 8, 1974</u> Signature <u>N. P. Krier</u></p> <p style="text-align: center;">N. P. Krier</p>									
STATE OF ARIZONA OIL & GAS CONSERVATION COMMISSION					Well Completion or Recompletion Report and Well Log				
Form No. 4					File One Copy				
Permit No. 630									

DETAIL OF FORMATIONS PENETRATED

Formation	Top	Bottom	Description*
Alluvium	0	4	Sand; buff
Bidahochi	4	378	Clayey sand with some clay and sand beds
Chinle	378	1416	Claystone and siltstone: variously colored; local sandstone beds.
Moenkopi	1416	1572	Siltstone: brown, minor gray
Coconino	1572	1882	Sandstone: very light brown, v.f.g. - f.g.; porous
Supai	1882	2139 (T.D.)	Sandstone: red-brown, v.f.g. - f.g. grading downward to claystone with some anhydrite; mostly halite with minor clay and anhydrite below 1980'

Note: core samples from 2040 ft. to 2099 ft.

* Show all important zones of porosity, detail of all cores, and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries.

INSTRUCTIONS:

Attach driller's log or other acceptable log of well.

This Well Completion or Recompletion report and well log shall be filed with the State of Arizona Oil and Gas Conservation Commission not later than thirty days after project completion.

Form No. 4

PLUGGING RECORD					
Operator DUVAL CORPORATION		Address 4715 E. Fort Lowell Rd., Tucson, Az. 85712			
Federal, State, or Indian Lease Number, or lessor's name if fee lease. State P.P. #27629		Well No. 50	Field & Reservoir		
Location of Well 1990' FNL, 2353' FWL		Sec-Twp-Rge or Block & Survey Sec. 8, T18N, R27E		County Apache	
Application to drill this well was filed in name of Duval Corporation		Has this well ever produced oil or gas No	Character of well at completion (initial production): Oil (bbls/day) Gas (MCF/day) Dry?		
Date plugged: Oct. 14-15, 1974		Total depth 2139	Amount well producing when plugged: Oil (bbls/day) Gas (MCF/day) Water (bbls/day)		
Name of each formation containing oil or gas. Indicate which formation open to well-bore at time of plugging	Fluid content of each formation	Depth interval of each formation		Size, kind & depth of plugs used. Indicate zones squeeze cemented, giving amount cement.	
Bidahochi	Some fresh water	0 - 378'		Cement Plugs 0 - 30'; 10 sacks	
Chinle		378' - 1416'		1370' - 1570'	
Moenkopi		1416' - 1572'		1825' - 2025'	
Coconino	Salt water	1572' - 1882'			
Supai		1882' - 2139' T.D.			
CASING RECORD					
Size pipe	Put in well (ft.)	Pulled out (ft.)	Left in well (ft.)	Give depth and method of parting casing (shot, ripped, etc.)	Packers and shoes
7"	1417'	0	1417'		
5-9/16"	1973'	1750'	223'	shot	
Was well filled with mud-laden fluid, according to regulations? Yes			Indicate deepest formation containing fresh water. Not known		
NAMES AND ADDRESSES OF ADJACENT LEASE OPERATORS OR OWNERS OF THE SURFACE					
Name	Address			Direction from this well:	
In addition to other information required on this form, if this well was plugged back for use as a fresh water well, give all pertinent details of plugging operations to base of fresh water sand, perforated interval to fresh water sand, name and address of surface owner, and attach letter from surface owner authorizing completion of this well as a water well and agreeing to assume full liability for any subsequent plugging which might be required.					
Use reverse side for additional detail.					
CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the <u>Advanced Geological Engineer</u> of the <u>Duval Corporation</u> (company) and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.					
October 18, 1974		Signature <i>Ned P. Krier</i> Ned P. Krier			
Date					
Permit No. 630		Form No. 10			

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OCT 21 1974

Oil & Gas Conservation Commission

STATE OF ARIZONA

OIL & GAS CONSERVATION COMMISSION

Plugging Record

File One Copy

APPLICATION TO ABANDON AND PLUG

FIELD _____
 OPERATOR Duval Corporation ADDRESS 4715 E. Fort Lowell Rd., Tucson, Az.
 Federal, State, or Indian Lease Number State #08-27629 WELL NO. 50
 or Lessor's Name if Fee Lease _____
 LOCATION 2353'FWL, 1990' FNL, Section 8, T18N, R27E
Apache County, Arizona
 TYPE OF WELL Stratigraphic Test TOTAL DEPTH 2139
 (Oil, Gas or Dry Hole)
 ALLOWABLE (If Assigned) _____
 LAST PRODUCTION TEST OIL _____ (Bbls.) WATER _____ (Bbls.)
 GAS _____ (MCF) DATE OF TEST _____
 PRODUCING HORIZON _____ PRODUCING FROM _____ TO _____

1. COMPLETE CASING RECORD.

0-1417 7" butt weld casing
 0-1973 5-9/16" butt weld casing

2. FULL DETAILS OF PROPOSED PLAN OF WORK

Shoot off 5-9/16" casing at 1750' & pull
 Set cement plug 1825-2025
 Set cement plug 1370-1570
 Set cement plug 0-25
 If 7" has free paint, shoot & pull; plug top of 7" w/100' cement

DATE COMMENCING OPERATIONS 10/13/74
 NAME OF PERSON DOING WORK Chesney Drilling ADDRESS Grants, N. M.
 Signature Edward J. Montgomery
 Title Senior Geologist
 Address 5357 E. Pima St.
Tucson, Arizona 85712
 Date October 15, 1974

Date Approved 10-21-74
 STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 By: [Signature]
 Permit No. 630

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Application to Abandon and Plug
 File Two Copies
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 Form No. 5

OCT 17 1974

O & G CONS. COMM.

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Duval Corporation

2. Oil Well ☐ GAS Well ☐ OTHER ☒ (Specify) Stratigraphic Test

3. Well Name Duval #50 State

Location 1990' FNL, 2353' FWL

Sec. 8 Twp. 18N Rge. 27E County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease
State Prospecting Permit #08-27629

5. Field or Pool Name _____

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Weekly Progress</u> <input checked="" type="checkbox"/>	ABANDONMENT <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Hole completed 10/13/74 @ 2139'

Gamma-Ray - Neutron Log run

Halliburton set cement plugs @ 0-30' on 10/14-15/74

1370-1570'

1825-2025'

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8. I hereby certify that the foregoing is true and correct.

Signed Wesley P. Kuter Title Advanced Geological Engineer Date 10/18/74

Permit No. 630

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION
Sundry Notices and Reports On Wells
File Two Copies
Form No. 25

SUNDY NOTICES AND REPORTS ON WELLS

1. Name of Operator Duval Corporation
 2. OIL WELL ☐ GAS WELL ☐ OTHER ☐ (Specify) Stratigraphic Test
 3. Well Name Duval #50 State
 Location 2353' FWL, 1066' FNL
 Sec. 8 Twp. 18N Rge. 27E County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease
State Prospecting Permit #08-27629

5. Field or Pool Name _____

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Weekly Progress</u>	ABANDONMENT <input checked="" type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Top Supert - 1840'
5 1/2" casing set w/ 4 sacks cement @ 1973'
depth @ 6PM 10/11/74 - 1980'

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OCT 15 1974

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Paul P. Krier Title Advanced Petroleum Engineer Date 10/11/74

Permit No. 630

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 25

SUNDY NOTICES AND REPORTS ON WELLS

1. Name of Operator Duval Corporation
 2. Oil WELL ☐ GAS WELL ☐ OTHER ☐ (Specify) Stratigraphic Test
 3. Well Name Duval #50 state
 Location 1066' FNL, 2353' FWL
 Sec. 8 Twp. 18N Rge. 27E County Apache Arizona.
 4. Federal, State or Indian Lease Number, or lessor's name if fee lease
Prospecting Permit #08-27629

5. Field or Pool Name

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐ PULL OR ALTER CASING ☐
 FRACTURE TREAT ☐ DIRECTIONAL DRILL ☐
 SHOOT OR ACIDIZE ☐ PERFORATE CASING ☐
 REPAIR WELL ☐ CHANGE PLANS ☐
 (OTHER) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐ MONTHLY PROGRESS ☐
 FRACTURE TREATMENT ☐ REPAIRING WELL ☐
 SHOOTING OR ACIDIZING ☐ ALTERING CASING ☐
 ABANDONMENT ☐
 (OTHER) Weekly Progress ☒

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Depth at 6PM on 10/4/74 - 1670 ft
 1417 of 7" casing set

Top of Shinarump 1405'
 Top of Moenkopi 1445'
 Top of Leconino 1560'

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OCT 7 1974

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Red P. Turner

Title Advanced Geological Engineer Date 10/4/74

Permit No. 630

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies

Form No. 25

SUNDRY NOTICES AND REPORTS ON WELLS

1. Name of Operator Duval Corporation

2. Oil Well ☐ GAS Well ☐ OTHER ☐ (Specify) Stratigraphic Test

3. Well Name Duval #50 State

Location approx 2100' FNL, 2175' FNL 2353 FW + 1990 FNL

Sec. 8 Twp. 18N Rge. R27E County Apache Arizona.

4. Federal, State or Indian Lease Number, or lessor's name if fee lease
State Prospecting Permit #08-27629 R/EV 6208

5. Field or Pool Name _____

6. Check Appropriate Box to Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	MONTHLY PROGRESS <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	DIRECTIONAL DRILL <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	PERFORATE CASING <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(OTHER) <u>Weekly Progress</u> <input checked="" type="checkbox"/>	ABANDONMENT <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

7. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Spudded @ 3PM 9/24
 Top Bidahochi - 6'
 Top Chinle - 375'
 Top Shinarump - 1335'
 Top Moenkopi - 1375'
 1407' @ 6PM 9/27/74 reaming to place 6 5/8" casing

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SEP 30 1974

O & G CONS. COMM.

8. I hereby certify that the foregoing is true and correct.

Signed Red P. Krier Title Advanced Drilling Engineer Date 9/27/74

Permit No. 630

STATE OF ARIZONA
 OIL & GAS CONSERVATION COMMISSION
 Sundry Notices and Reports On Wells
 File Two Copies
 Form No. 25

APPLICATION FOR PERMIT TO DRILL OR RE-ENTER

APPLICATION TO DRILL ☐

RE-ENTER OLD WELL ☐

Stratigraphic Test

NAME OF COMPANY OR OPERATOR

DUVAL CORPORATION

Address 4715 E. Fort Lowell Road

City Tucson

Arizona State

85712

Drilling Contractor

Whatley Drilling Company

Address 1512 West Prince Road, Tucson, Arizona

DESCRIPTION OF WELL AND LEASE

Federal, State or Indian Lease Number, or if fee lease, name of lessor

State Prospecting Permit #27629

Well number

50

Elevation (ground)

6208'

Nearest distance from proposed location to property or lease line:

1,990

feet

Distance from proposed location to nearest drilling, completed or applied—for well on the same lease:

484

feet

Number of acres in lease:

640

Number of wells on lease, including this well, completed in or drilling to this reservoir:

N/A

If lease, purchased with one or more wells drilled, from whom purchased:

Name

Address

N/A

Well location (give footage from section lines)

1990' FNL; 2353' FWL

Section—township—range or block and survey

Section 8, T18N, R27E

Dedication (Comply with Rule 105)

N/A

Field and reservoir (if wildcat, so state)

County

Apache

Distance, in miles, and direction from nearest town or post office

10-1/2 miles SSE of Navajo, Arizona

Proposed depth:

2050'

Rotary or cable tools

Rotary

Approx. date work will start

Bond Status

Statewide - On file

Organization Report

Filing Fee of \$25.00

Amount

\$25,000

On file

X

Or attached

Attached

X

Remarks:

Verbal permission to drill given on September 23, 1974.

CERTIFICATE: I, the undersigned, under the penalty of perjury, state that I am the Vice President of the

DUVAL CORPORATION

(company), and that I am authorized by said company to make this report; and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct and complete to the best of my knowledge.

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OCT 1 1974

O & G CONS. COMM.

Signature B. G. Messer - Vice President

September 30, 1974

Date

Permit Number:

630

Approval Date:

10-1-74

Approved By:

W. B. [Signature]

Notice: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

Form No. 3

STATE OF ARIZONA
OIL & GAS CONSERVATION COMMISSION

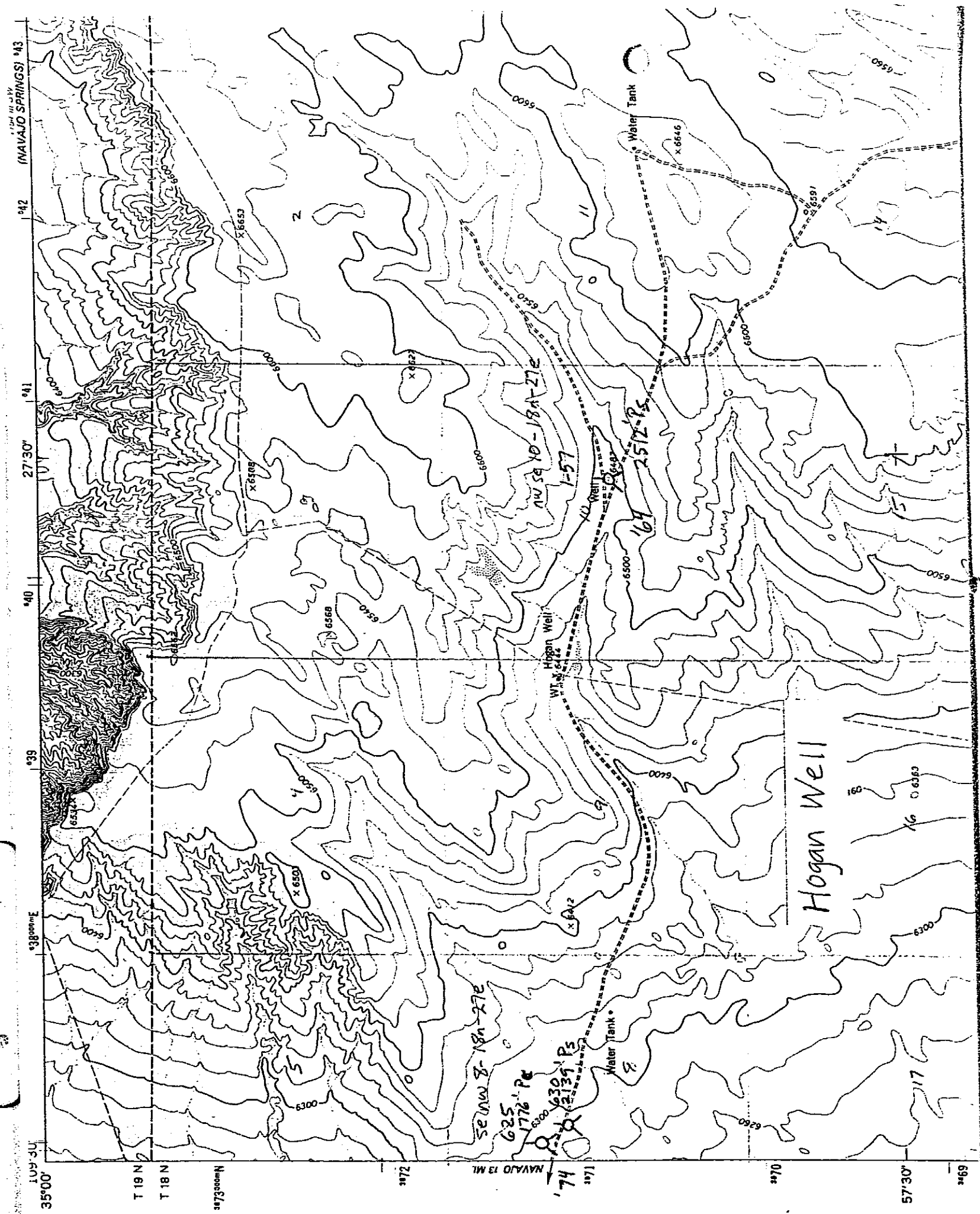
Application to Drill or Re-enter
File Two Copies

1. Operator shall outline the dedicated acreage for both oil and gas wells on the plat.
2. A registered professional engineer or land surveyor registered in the State of Arizona or approved by the Commission shall show on the plat the location of the well and certify this information in the space provided.
3. All distances shown on the plat must be from the outer boundaries of the Section.
4. Is the Operator the only owner in the dedicated acreage outlined on the plat below? YES _____ NO X - State
5. If the answer to question four is "no," have the interests of all the owners been consolidated by communitization agreement or otherwise? YES _____ NO _____. If answer is "yes," Type of Consolidation _____ N/A
6. If the answer to question four is "no," list all the owners and their respective interests below:

Owner <div style="border: 1px solid black; padding: 2px;">State of Arizona</div>	Land Description <div style="border: 1px solid black; padding: 2px;">Section 8, T18N, R27E</div>														
Surface & Mineral <div style="border: 1px solid black; padding: 2px;"></div>	<div style="border: 1px solid black; padding: 5px;"> <p style="text-align: center; margin: 0;">CERTIFICATION</p> <p>I hereby certify that the information above is true and complete to the best of my knowledge and belief.</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px solid black; width: 50%;">Name</td> <td style="border-bottom: 1px solid black;">B. G. Messer</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Position</td> <td style="border-bottom: 1px solid black;">Vice President</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Company</td> <td style="border-bottom: 1px solid black;">Duval Corporation</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Date</td> <td style="border-bottom: 1px solid black;">September 30, 1974</td> </tr> </table> <p style="margin-top: 10px;">I hereby certify that the well location shown on the plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.</p> <p style="text-align: center; margin: 5px 0;">See attached plat</p> <table style="width: 100%; border-collapse: collapse;"> <tr> <td style="border-bottom: 1px solid black; width: 50%;">Date Surveyed</td> <td style="border-bottom: 1px solid black;">September 1974</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Registered Professional Engineer and/or Land Surveyor</td> <td style="border-bottom: 1px solid black;">Sam Lee Kuder</td> </tr> <tr> <td style="border-bottom: 1px solid black;">Certificate No.</td> <td style="border-bottom: 1px solid black;">9430</td> </tr> </table> </div>	Name	B. G. Messer	Position	Vice President	Company	Duval Corporation	Date	September 30, 1974	Date Surveyed	September 1974	Registered Professional Engineer and/or Land Surveyor	Sam Lee Kuder	Certificate No.	9430
Name	B. G. Messer														
Position	Vice President														
Company	Duval Corporation														
Date	September 30, 1974														
Date Surveyed	September 1974														
Registered Professional Engineer and/or Land Surveyor	Sam Lee Kuder														
Certificate No.	9430														

PROPOSED CASING PROGRAM

Size of Casing	Weight	Grade & Type	Top	Bottom	Cementing Depths	Sacks Cement
7"	17	H	0	1400	1390 - 1400	5 Sacks
5-9/16"	10.2	Line Pipe	0	1900	1890 - 1900	5 sacks





PERMIT TO DRILL

This constitutes the permission and authority from the
OIL AND GAS CONSERVATION COMMISSION,
STATE OF ARIZONA,

To: DUVAL CORPORATION
(OPERATOR)

to drill a well to be known as

DUVAL WELL NO. 50
(WELL NAME)

located 1990' FNL - 2353' FWL

Section 8 Township 18N Range 27E, Apache County, Arizona.

The NA of said
Section, Township and Range is dedicated to this well.

Said well is to be drilled substantially as outlined in the attached Application and must be drilled
in full compliance with all applicable laws, statutes, rules and regulations of the State of Arizona.

Issued this 1 day of October, 19 74.

OIL AND GAS CONSERVATION COMMISSION

By W.B. Allen
EXECUTIVE SECRETARY

PRIOR TO BEING ALLOWED TO PRODUCE THIS WELL
YOU MUST BE IN FULL COMPLIANCE WITH RULE
105, SECTION A THROUGH (S-2000), WITH RESPECT
TO THE PRODUCT TO BE PRODUCED.

PERMIT

Nº

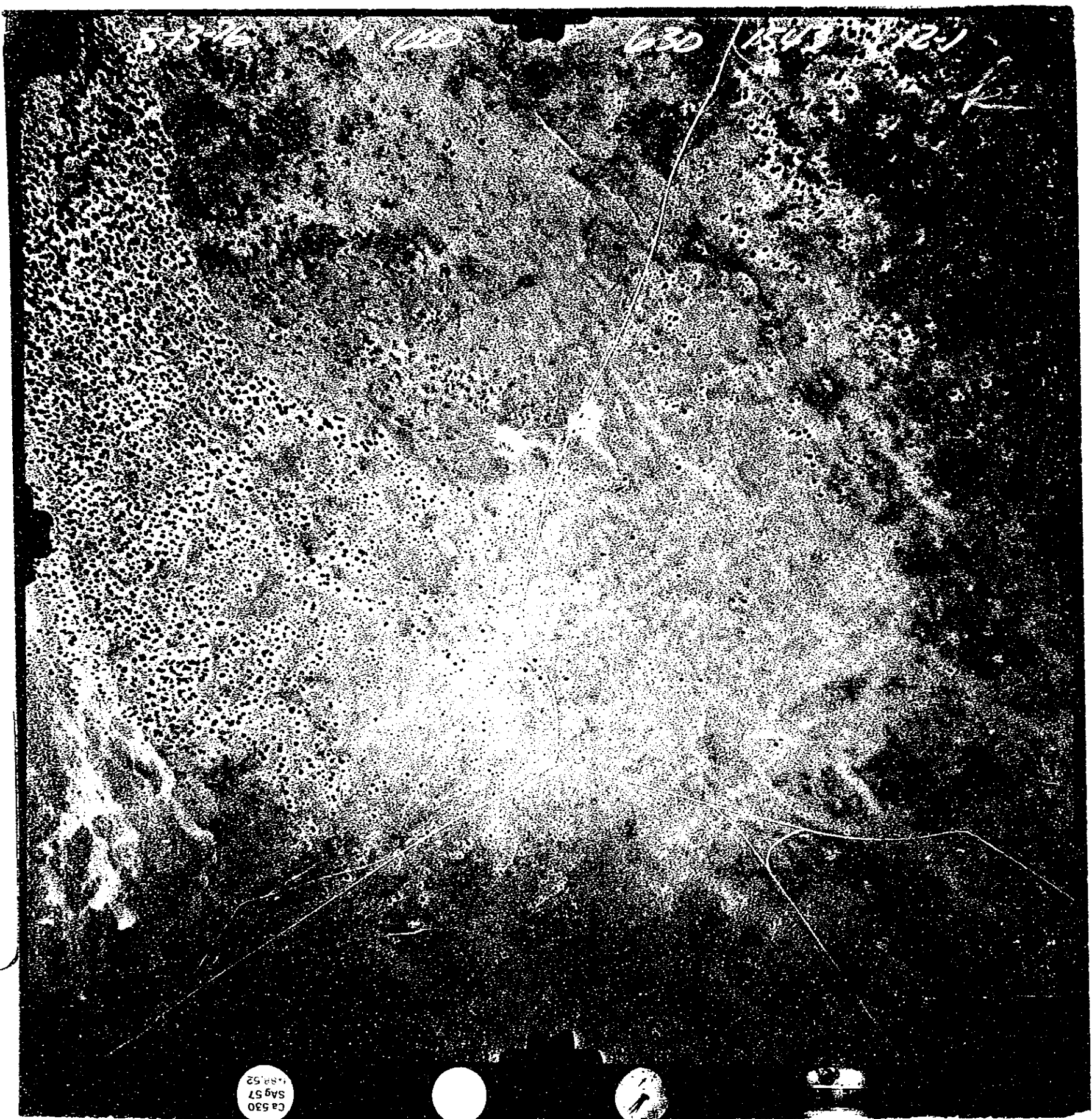
630

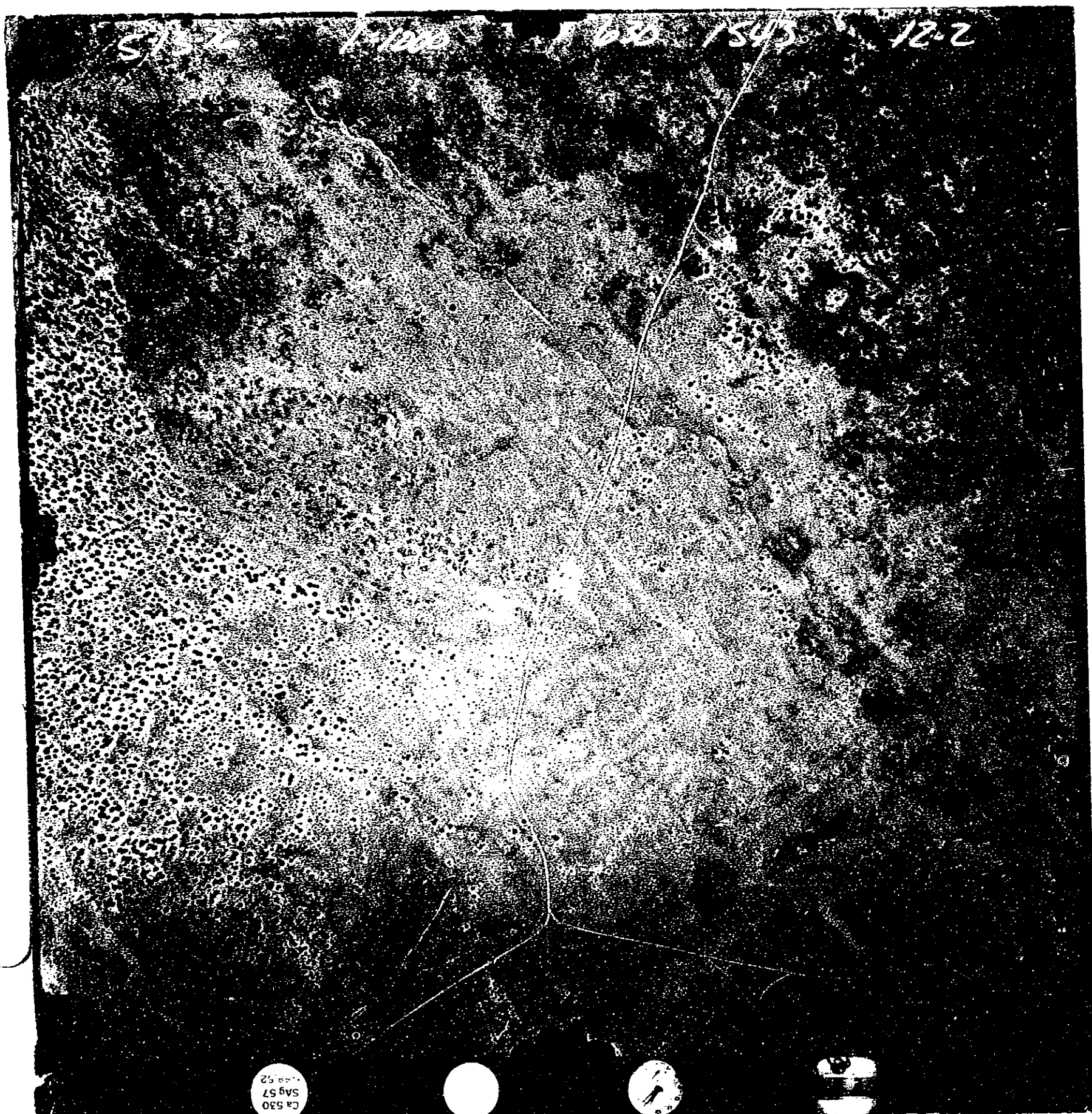
RECEIPT NO. 0207
API NO. 02-001-20197

SAMPLES ARE REQUIRED

State of Arizona
Oil & Gas Conservation Commission
Permit to Drill

FORM NO. 27





5/57 1-100 1543 12-2

Ca 530
Sag 57
-00 52





4715 EAST FORT LOWELL ROAD TUCSON ARIZONA 85712

April 8, 1975

Mr. W. E. Allen, Director
Enforcement Section
Oil and Gas Conservation Commission
4515 North 7th Ave.
Phoenix, Arizona 85013

Re: Duval Corporation Well #48
Sec. 8-T18N-R27E
Apache County
Permit No. 625

Dear Mr. Allen:

Duval Corporation Well #48 is classified as a stratigraphic test hole, therefore, pursuant to Rule 205 A we request that any information submitted on said hole please be considered confidential for an additional six month period.

Likewise we would like to request that all such information on our drill holes located in this general area be treated in this same manner. To date Duval drill holes nos. 47, 49, 50, 51 and 52 have been completed on Drill permits nos. 624, 626, 630, 631 and 632 respectively.

Thanks for any consideration given this request.

Very truly yours,

DUVAL CORPORATION

by: B. G. Messer
Vice President-Minerals Acquisition

BCN:rg

cc: E. S. Montgomery

RECEIVED

APR 10 1975

PENNZOIL COMPANY & G. CONG. BUREAU

630



OFFICE OF
Oil and Gas Conservation Commission
STATE OF ARIZONA
4515 NORTH 7TH AVE.
PHOENIX, ARIZONA 85013
PHONE: (602) 271-5161

April 7, 1975

Mr. B. G. Messer
Vice President-Minerals Acquisition
Duval Corporation
4715 East Fort Lowell Road
Tucson, Arizona 85712

Re: Duval Corporation #48
Sec 8-T18N-R27E
Apache County
Permit No. 625

Dear Mr. Messer:

This is to advise you that the confidentiality period on Well No. 48, referenced above, will expire on April 9, 1975. Should you wish an extension on this and all future wells, please advise.

Also, please note the attached change of address effective April 15, 1975.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

Enc.

cc Ed Montgomery

630



5357 EAST PIMA TUCSON ARIZONA 85712

November 8, 1974

Mr. W. E. Allen
Oil and Gas Conservation Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Dear Mr. Allen:

Enclosed are Well Completion Form and Gamma-Ray Neutron Log for Duval Hole #50. Also enclosed is Plugging Record Form for Duval Hole #49.

Hole #50 has been marked on the ground with a piece of 5-9/16" pipe and the drill location cleaned.

Sincerely,

Ned P. Krier
Advanced Geological Engineer

NPK:hdh
encl.

cc: B. G. Messer

630



5357 EAST PIMA TUCSON ARIZONA 85712

October 18, 1974

Mr. William E. Allen
Oil and Gas Conservation Commission
4515 North 7th Avenue
Phoenix, Arizona 85013

re: Duval Corporation # 50
Sec. 8, T18N, R27E
Apache County
Permit No. 630

Dear Mr. Allen:

Enclosed is "Plugging Record", Form No. 10 for our Well No. 50.

Sincerely,

Ned P. Krier
Advanced Geological Engineer

NPK:hdh
encl.
cc: B. G. Messer

630

RECEIVED

OCT 21 1974

O & G CONS. COMM.



CORPORATION

5357 EAST PIMA TUCSON ARIZONA 85712

October 15, 1974

Mr. William E. Allen
Oil and Gas Conservation Commission
4515 North 7th Avenue
Phoenix, Arizona 85013

Re: Duval Corporation #50
Section 8 - T18N, R27E
Apache County
Permit No. 630

Dear Mr. Allen:

Enclosed is "Application to Abandon and Plug", Form No. 9 for our
Well No. 50.

Sincerely,

Edward S. Montgomery
Edward S. Montgomery
Senior Geologist

hdh
encl.

cc: B. G. Messer

630
RECEIVED

OCT 17 1974

O & G CONS. COMM.

October 1, 1974

Mrs. Jo Ratcliff
Four Corners Sample Cut Association
P. O. Box 899
Farmington, New Mexico 87401

Dear Mrs. Ratcliff:

The following permit has been issued since September 19, 1974.

Duval Corporation Well No. 50
SE/NW Section 8-T18N-R27E
Apache County
Permit No. 630

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/rlb

630

October 1, 1974

Mr. B. G. Messer
Duval Corporation
4715 East Fort Lowell Road
Tucson, Arizona 85712

Re: Duval Corp. Well No. 50
SE/NW Sec 8-T18N-R27E
Apache County
Permit No. 630

Dear Mr. Messer:

Enclosed please find Receipt No. 0207 covering your \$25 filing fee.
Also enclosed is your approved Application for Permit to Drill and
Permit to Drill No. 630.

Very truly yours,

W. E. Allen, Director
Enforcement Section

WEA/r1b

Encs.

630



4715 EAST FORT LOWELL ROAD TUCSON ARIZONA 85712

September 30, 1974

Mr. W. E. Allen, Director
Enforcement Section
Oil and Gas Conservation Commission
State of Arizona
4515 North 7th Avenue
Phoenix, Arizona 85013

Dear Mr. Allen:

Enclosed is an application for Permit to Drill the following core test
in Apache County:

Duval Hole No. 50 located in the SENW of
Section 8, T18N, R27E.

Also enclosed is our check in the amount of \$25.00 covering the filing
fee for above permit.

Yours very truly,

DUVAL CORPORATION

B. G. Messer
Vice President-Minerals Acquisition

BGM:eh
enclosure

cc: E. S. Montgomery

RECEIVED

OCT 1 1974

O & G CONS. COMM.

DUVAL CORPORATION
POST OFFICE BOX 38
SAHUARITA, ARIZONA 85629

PLEASE ADDRESS ALL CORRESPONDENCE
REGARDING THIS REMITTANCE TO:
4715 EAST FORT LOWELL ROAD
TUCSON, ARIZONA 85712

ATTACHED ACKNOWLEDGES PAYMENT IN FULL OF AN INVOICE NUMBERED AS SET FORTH BELOW. IN CASE

PLEASE ADDRESS ALL CORRESPONDENCE
REGARDING THIS REMITTANCE TO:
4715 EAST FORT LOWELL ROAD
TUCSON, ARIZONA 85712

DETACH BEFORE DEPOSITING CHECK. ENDORSEMENT OF CHECK ATTACHED ACKNOWLEDGES PAYMENT IN FULL OF ALL DEBTS SHOWN ON STATEMENT BELOW. IN CASE OF
TUCSON, ARIZONA 85712
eh
ERROR OR OMISSION, RETURN BOTH CHECK AND STATEMENT TO ABOVE ADDRESS.

ITEMS					ITEMS				
DATE	INV. NO.	GROSS	DISC.	NET AMOUNT	DATE	INV. NO.	GROSS	DISC.	NET AMOUNT
					9/30/74		Filing fee for Application for Permit to Drill		\$25.00